

AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph beginning on page 10, line 19 as follows:

The residual phase tracking ~~module~~ compensation part 620 comprises a second region controller 621 for outputting a second log function table address corresponding to the residual phase value outputted from the first demultiplexer 330, a second log function table 622 for outputting a previously stored log function value, which is obtained by sampling in a predetermined interval, corresponding to the log function table address from the second region controller, and a third multiplier 623 for compensating the residual phase by multiplying the log function value outputted from the second log function table 622 with the compensated data symbol.